Varun S

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EDUCATION

Sahyadri College of Engineering and management Mangaluru, Karnataka
B.E Electronics and Communication *Aug. 2018 – July 2022*

Excel Public School Mahé
Physics, Chemistry, Mathematics and Biology *July. 2016 – March 2018*

PROJECTS

Crash avoidance system for drones (Academic) | *Drone, Arduino, Pixhawk, QGroundControl, Cmake* July 2022

- successfully incorporated a built-in mechanism to securely land the drone in the event of a motor failure.
- used Cmake to create the source code for the drone. Additionally, Incorporated an Arduino-based switching circuit to enhance the functionality and control of the drone.
- tilized QGroundControl, a comprehensive software tool for vehicle configuration and flying control.

Media App | *HTML,CSS,Javascript,Reactjs* Jan 2024

- created and implemented an application for organizing videos that allows users to quickly upload and classify films for a customized watching experience.
- The project will have the following features such as news upload, search, category, Watch History.
- The frontend of the project will be developed using React as the primary framework,and Material UI for styling.
- The project will be designed to be responsive and accessible on different devices, including desktops, tablets, and mobile phones.

Budget Calculator | *HTML, CSS,Javascript, React, Bootstrap* Nov 2022

- Created a user-friendly budget calculator for effective financial management, simplifying the process of budgeting and goal planning.
- The website is built using HTML, CSS, JavaScript, React and Bootstrap framework.

EXPERIENCE

Fullstack Development Internship Sep 2023
Luminar Technolabs *Kochi, Kerala*

- Worked with a diverse technology stack including MongoDB, HTML, CSS, React, Angular, and Node.js
- Developed responsive and visually appealing user interfaces using HTML and CSS for a seamless user experience.
- Contributed to the creation of interactive web applications utilizing the React and Angular framework.

TECHNICAL SKILLS

Languages:C, JavaScript, HTML,CSS
Framework: Bootstrap, Angular, Express, Node Js **Libraries**: React

LEADERSHIP / EXTRACURRICULAR

Formula student 2018- 2021
Head of Electronics *Levitas Racing*

- ∗ Participated in SAE Supra 2019 and formula Bharath 2020. My role involved coordinating with the team members to define project scope, developing project timelines, and overseeing the execution of the projects.
- ∗ Lead the electronics department and developed the electrical safety system for the Formula Student Vehicle.
- ∗ For the safety of the driver, a brake system plausibility device was designed.